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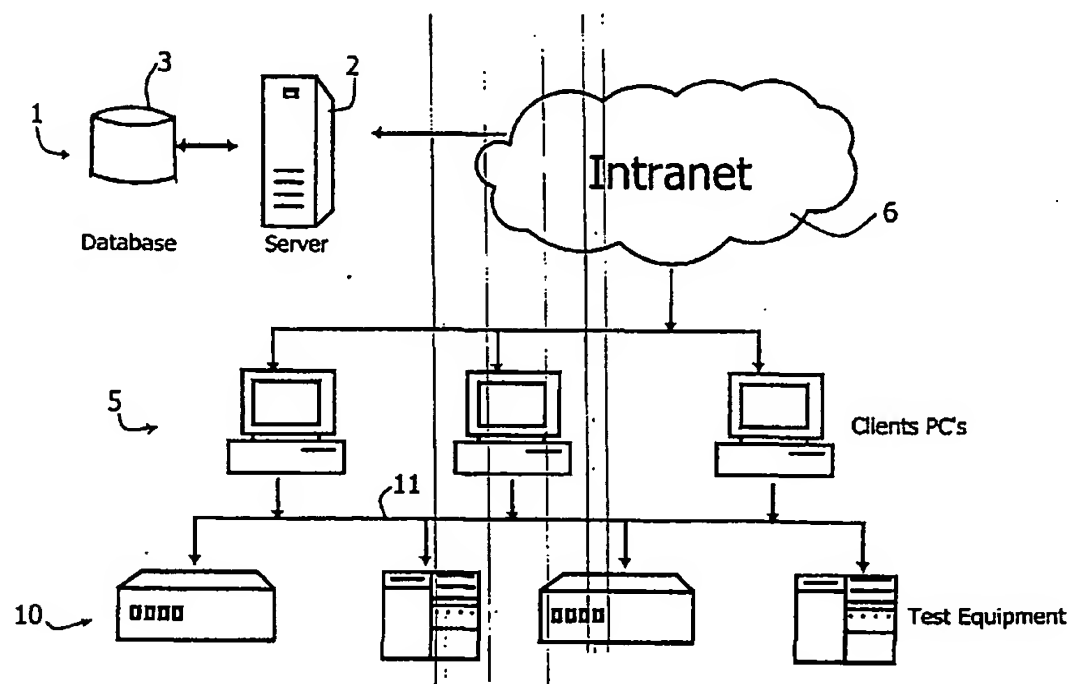
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GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: AN INFORMATION MANAGEMENT AND CONTROL SYSTEM



(57) Abstract: A system (1) has a server (2) linked with PC clients (5), in turn connected to test equipment (10). A design-of-experiment (DOE) engine (20) generates a series of run objects (21), each defining a variation of an equipment run. The inputs to the DOE engine (20) are a selected procedure object (25) and experiment variations. The engine (20) automatically determines all task objects (26), resource objects (27), and parameter configuration objects (28) linked with the selected procedure object (25). The variations may be variations in the hierarchical links and/or different values for the parameter configurations (28). There is a run object (21) associated with each variation permutation.



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INTERNATIONAL SEARCH REPORT

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B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JAMAL R: "Graphical object-oriented programming with LabVIEW" NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH, SECTION - A: ACCELERATORS, SPECTROMETERS, DETECTORS AND ASSOCIATED EQUIPMENT, NORTH-HOLLAND PUBLISHING COMPANY. AMSTERDAM, NL, vol. A352, no. 1, 15 December 1994 (1994-12-15), pages 438-441, XP004005789 ISSN: 0168-9002	1-12, 15-17, 19,20
Y	the whole document --- -/--	13,14,18

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☒ Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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X	US 5 623 592 A (CARLSON JEFFREY D ET AL) 22 April 1997 (1997-04-22)	1-5,7-9, 11,12, 15-17, 19,20 13,18 6,10,14
Y	abstract	
A	column 3, line 30 - line 39 column 6, line 20 - line 41 column 7, line 20 - line 45 column 8, line 55 - line 64 column 10, line 49 -column 11, line 43 figures 9A-9P column 2, line 52 - line 67 ---	
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	column 2, line 50 -column 3, line 10 ---	
A	WO 97 15877 A (LENG HELMUT ;ZINK THOMAS (DE); JUNG HERBERT (DE); REITER HERMANN () 1 May 1997 (1997-05-01) page 2, line 7 - line 35 page 3, line 19 - line 37 figures 3-6 ---	1-20
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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